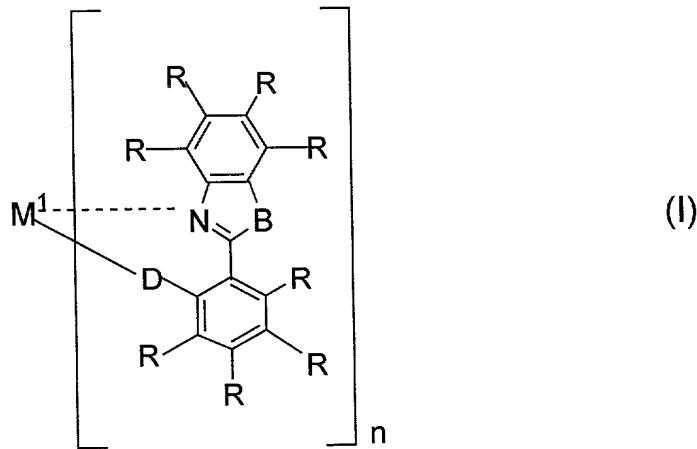


What is claimed is:

1. An organometallic luminescent material comprising a compound of formula (I):

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wherein,

M¹ is a monovalent or tetravalent metal selected from the group consisting of Li, Na, K, Zr, Si, Ti, Sn, Cs, Fr, Rb, Hf, 10 Pr, Pa, Ge, Pb, Tm and Md;

R is hydrogen or C₁₋₁₀ alkyl;

B is O, S, Se or Te;

D is O or S; and

n is an integer ranging from 1 to 4.

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2. An electroluminescent device which comprises an organic luminescent layer containing the organometallic luminescent material of claim 1.

- 20 3. The device of claim 2, wherein the organometallic luminescent material is present alone, or in combination with a polymer or an inorganic material, or in the form of a dopant in a polymer.

4. The device of claim 2 wherein the organic luminescent layer is formed by a spin coating, vapor deposition, vacuum thermal deposition, sputtering or electron beam deposition method.